INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/013153

A CLASSIEI	CATION OF OUR WINDOWS		PCT/JP2	2004/013152
A. CLASSIFIC Int.Cl	CATION OF SUBJECT MATTER 7 F24F1/00			
	ternational Patent Classification (IPC) or to both nation	nal classification and IPC		
B. FIELDS SE Minimum docum	pentation searched (classification system followed by	lassification symbols)		
Int.Cl	F24F1/00	- Indoisy		
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Documentation s	searched other than minimum documentation to the ext	ent that such documents are	included in the	fields searched
0_000	1922-1996 J	itsuyo Shinan Toro Oroku Jitsuyo Shina	ku Koho	1996-2004 1994-2004
Electronic data b	ase consulted during the international search (name of			
	(· · · · · · · · · · · · · · · · · · ·		ins used)
C. DOCUMEN	TS CONSIDERED TO BE RELEVANT			
Category*				
X	Citation of document, with indication, where ap			Relevant to claim No.
Y	13 January, 2003 (15.01.03),	TR Electionics	inc.),	1-10 11-14
	Full text; all drawings & WO 2002/103248 A2 & EP & US 2002/189274 A1 & US	127065 A2	-	
	& US 2002/189274 A1 & US & CN 1405504 A	6725684 B2		
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<u> </u>	12 August, 1997 (12.08.97),	Hitachi, Ltd.),		11
	Par. No. [0041] (Family: none)			
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× Further doc	uments are listed in the continuation of Box C.	See patent family an	nex.	
A" document def	ries of cited documents: ining the general state of the art which is not considered	uate and not in conflict v	VIID the annlicati	ational filing date or priority on but cited to understand
" earlier applica	ular relevance tion or patent but published on or after the international	"X" document of particular r	nucriying the inv	imed invention connect be
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Document 3: Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 004132/1990 (Laid-open No. 097113/1991) (Sharp Corp.), 04 October, 1991 (04.10.91), page 7, lines 9 to 14 (Family: none)	11
Y	Document 4: JP 10-217876 A (Yazaki Corp.), 18 August, 1998 (18.08.98), Par. No. [0024] (Family: none)	12-14
Y	Document 5: JP 10-109872 A (Hitachi Building Systems Co., Ltd.), 28 April, 1998 (28.04.98), Par. Nos. [0015] to [0016] (Family: none)	12-14
Y	Document 6: JP 11-345650 A (Yazaki Corp.), 14 December, 1999 (14.12.99), Par. No. [0015] (Family: none)	12-14